



## POSTDOCTORAL PROPOSAL IN THE SOCIAL SCIENCES OF ARTIFICIAL INTELLIGENCE

### **Behavioral ethics for algorithmic decision making**

**Advisor:** Jean-François Bonnefon, [jfbonnefon@gmail.com](mailto:jfbonnefon@gmail.com)

**Net salary:** Negotiable based on experience, with a minimum of 2400€ /month

**Duration:** three years

A postdoctoral position for a social or cognitive scientist is available at the Artificial and Natural Intelligence Toulouse Institute, France (ANITI), to begin in September 2020 under the supervision of Dr. Jean-François Bonnefon (CNRS, Toulouse School of Economics, ANITI, and Institute for Advanced Study in Toulouse).

This is a 3-year position related to the ethics of Artificial Intelligence, and specifically to the design of experiments allowing non-expert citizens to express their preferences about the way algorithms make decisions which can substantially impact their well-being and life outcomes. Special attention will be given to situations that involve a tradeoff between mutually inconsistent objectives, issues of fairness, or the distribution of a limited resource. The postdoctoral researcher will design experiments built on interfaces which allow participants to visually understand ethical dilemmas and provide an informed preference on the way they should be solved. The researcher will also contribute to the analysis of the data and the preparation of the resulting publications. The project will be carried out in a multidisciplinary context, involving experts from psychology, anthropology, computer science, law, political science, and economics. Funds for conducting the research will be available, as well as opportunities to visit other labs and present the research at conferences.

The preferred candidate would have the following qualifications:

- PhD in social or cognitive science (psychology, economics, political science, anthropology, etc.) already completed or expected for Spring/Summer 2020
- Experience in the design and conduct of behavioral experiments
- Proficiency with the R programming language, excellent skills in data visualisation
- Experience with multidisciplinary collaborations
- Strong interest in the behavioural study of moral preferences and/or in the ethical challenges raised by Artificial Intelligence
- Fluent spoken and written English (speaking French is NOT a requirement or an asset for the position)

Please send your application by email to [jfbonnefon@gmail.com](mailto:jfbonnefon@gmail.com). Your application should include a detailed CV (with your list of publications), a 2-page statement of interest, and the contact information of two individuals who can be contacted for a reference letter.